## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurais	Time Stamp
L2	16	("1496671"   "2316553"   "3606673"   "3689683"   "3706915"   "3860397"   "3900813"   "4026008"   "4400714"   "4445271"   "4589010"   "4629824"   "4637130").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/13 22:06
L3	84	("4862246").URPN.	USPAT	OR	OFF	2008/01/13 22:09
L4	307	(@ad<"20021017") and (257/666,673, 669.ccls. or 438/111,123.ccls.) and (lead\$1 near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	2008/01/13 22:25
			IBM_TDB			
L5	293	(@ad<"20021017") and (257/666,673, 669.ccls. or 438/111,123.ccls.) and (lead\$1 near (notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:22
L6	14	L4 not L5	US-PGPUB;	OR	OFF	2008/01/13 22:23
			USPAT; USOCR;			
			FPRS; EPO; JPO; DERWENT;			
			IBM_TDB			
L7	1	(@ad<"20021017") and 438/for.366. ccls. and (lead\$1 near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:26
L8	13	(@ad<"20021017") and 438/for.369. ccls. and (lead\$1 near (channel or	US-PGPUB; USPAT;	OR	OFF	2008/01/13 22:30
		slot\$1 or notch or groove or trench or hole or opening or cavity or via))	USOCR; FPRS;			
			EPO; JPO; DERWENT; IBM_TDB			
L9	2	(@ad<"20021017") and 438/for.377. ccls. and (lead\$1 near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:31

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## **EAST Search History**

L10	6	(@ad<"20021017") and 438/for.380. ccls. and (lead\$1 near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:36
L11	6007	(@ad<"20021017") and (chip or die) and (lead\$1 near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 23:25
L12	9	L11 and ((singulat\$3 or dicing or saw\$3) near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:59
L13	.52	L11 and ((singulat\$3 or dicing or saw\$3) with (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:42
L14	44	L13 not L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:43
L15	3	("5891384"   "5891483"   "6081029"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/13 22:49
L16	617	L11 and (burr\$1 or flash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 23:23

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## **EAST Search History**

L17	575	L16 not L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:52
L18	16	("2004/0026773").URPN.	USPAT	OR	OFF	2008/01/13 22:54
L19	573	(@ad<"20021017") and (chip or die) and (lead\$1 near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:57
L20	128	L19 and (encapsulation or resin or encapsulant).clm.	US-PGPUB; USPAT; USOCR;	OR	OFF	2008/01/13 22:59
			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L21	22	L20 and (cutting or cut or etch or etching or singulat\$3 or dicing or saw\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:59
L22	893	438/15,25,26,51,55,64,106,112,124, 126,127.ccls. and (burr\$1 or flash)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 23:25
L23	36	L22 and (@ad<"20021017") and (lead\$1 near (channel or slot\$1 or notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 23:26
S1	293	(@ad<"20021017") and (257/666,673, 669.ccls. or 438/111,123.ccls.) and (lead\$1 near (notch or groove or trench or hole or opening or cavity or via))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/13 22:22

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